

Manhole Inspection Summary

Manhole # S21AA1003MH

Printed On: 12/17/2008

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **21AA1** Node: **003** Status: **Found**

Insp Date: **10/27/08 9:06 AM**

Incomplete Comments

Crew: **REI2**
Inspector: **Hale, C**
Firm: **REI**

Location Address: **PARKDEN AVE** Cross Street: **OAKINGTON ST**

Manhole Type: **Junction** Location: **Roadway** Ground Conditions: **Dry**
☐ Prev. Rehab Weather: **Dry** Subject To Ponding: **Sheeting**

Comments **ORIGINAL INSPECTION BY RK&K CREW: CH, HDP, MB 01/30/2007 02:54 PM.**
COMPLETED BY REI/DRAYCO
CLEANED FROM DOWNSTREAM MANHOLE S21AA1001MH

Cover Shape: **Circular** Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0.5** (in.)
Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**
Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **1** (in.) Condition: ☐ Sound ☐ Cracked ☒ **Leaks**

Chimney / Frame Adjustment ☒ Exists Material: **Brick** ☐ Parged Height: **9** (in.)
Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**
Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☒ **Mortar** ☐ Roots ☐ Wall

Corbel Material: **Brick** ☐ Parged Type: **Concentric/Eccentric**
Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated
Infiltration: ☐ None ☐ Joint ☐ Cracks ☒ **Mortar** ☐ Roots ☒ **Wall**

Barrel Material: **Brick** ☐ Parged
Shape: **Circular** Diameter: **48** (in.) Length: (in.)
Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**
Infiltration: ☐ None ☐ Joint ☐ Cracks ☒ **Mortar** ☐ Roots ☐ Wall

Bench ☒ Exists Material: **Brick** ☐ Parged ☒ **Debris** (not Condition related)
Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel Material: **Brick** ☐ Parged ☐ Debris (not Condition related)
Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:
Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Deteriorated** ☐ Leaks ☐ Debris

Steps Count: **8** Missing: **0** ☒ **Corroded**

Surcharge ☒ **Evidence Of Surcharge** Depth: **4.5** (ft.) ☐ Active Surcharge Present

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Location View



Location View



Top View



1st visit. Needs cleaning.

Top View



Corroded steps. Evidence of surcharge - Bench debris.

Defect



Frame leaks. Frame offset. Adjustment infiltration.

Defect



Frame leaks. Adjustment and Corbel deterioration and infiltration.

Defect



Adjustment, Corbel and Barrel infiltration.

Defect



Frame leaks. Adjustment deterioration and infiltration. Corbel infiltration.

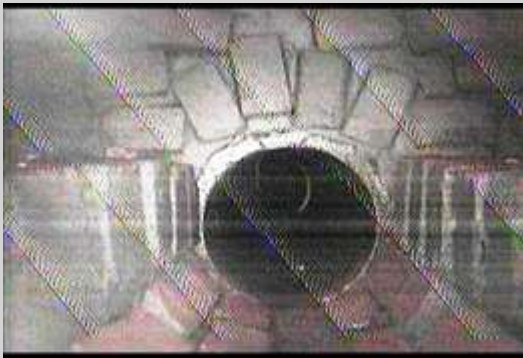
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8 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Barrel deterioration and infiltration. Channel deterioration.

Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **14.28** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **Evidence** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 6 O'Clock



Channel deterioration and infiltration.

Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **14.15** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **None**

Connects To: **Dead End**

☐ Possible Illicit Connection

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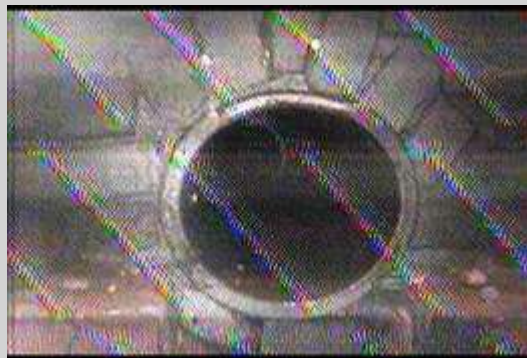
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8 in. Circular Gravity Sewer

Pipe In @ 9 O'Clock



Rod and Bar (Angled)

Pipe Material: **Clay**

☐ Pipe Lined

Invert Depth: **13.60** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.)

Deposits Extent:

Infiltration: **None**

Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Dead End**

☐ Possible Illicit Connection